

25X1

OUT60556

1966 DEC 3 03 02Z

P 030238Z  
FM NPIC  
TO DIRNSA  
CNO

25X1

5 DEC 1966

By No.	Class	Remarks
1	Info	
2	OS	
	SEC BR	
	OS	
3	OS	
	AD	
	OS	
	OS	
	OS-4CB	
	OS	
4	AD	
5	OS	
6	OS-4	X
7	OS-4	X

OPCEN  
STATE/RCI  
CINCLANTFLT  
CINCPACFLT  
CINCUSNAVEUR  
CINCLANT  
CINCPAC  
LANTINTCEN  
FICPAC  
COMNAVFORJAPAN  
COMSECONDFLT  
YDHAVQC/CINCEUR  
YSHKLRC/USARPAC  
AFSSO PACAF  
AFSSO ACIC  
AFSSO FTD  
AFSSO AFSC  
AFSSO BSD  
AFSSO ESD  
AFSSO SSD  
AFSSO USAF (ALSO PASS NIC)  
AFSSO USAFE  
USAFSS  
INFO FICEUR  
ZEM

Declassification Review by NGA/DoD

TOP SECRET

CITE NPIC 9220.

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REF NPIC/PIR

25X1

TOP SECRET

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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AS A RESULT OF PHOTOGRAPHIC ANALYSIS ACCOMPLISHED IN  
CONCERT WITH [ ] PHOTO INTERPRETERS DURING A RECENT  
VISIT TO THEIR [ ] FACILITY, AND WITH ADDITIONAL ANALYSIS SINCE  
THAT TIME, IT HAS BEEN DETERMINED THAT THE TRACKING/GUIDANCE  
OR ENGAGEMENT RADAR ASSOCIATED WITH THE SOVIET PROBABLE LONG  
RANGE SAM LAUNCH COMPLEXES DIFFERS IN BASIC RESPECTS TO THE  
PREVIOUS CONCEPT OF A SYMMETRICAL SAIL AND CENTERED FEED  
STRUCTURE.

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THE RADAR HAS BEEN STUDIED ON ALL THE KH-7 [ ]  
COVERAGE ON WHICH IT HAS BEEN IDENTIFIED, AND ESPECIALLY AT  
KAPUSTIN YAR, SARY SHAGAN, GORKIY SORMOVO AND TALLINN AND IT  
IS NOW DETERMINED TO BE ASSYMETRICAL WITH THE LEFT SIDE BEING  
SUBSTANTIALLY SMALLER IN EVERY ASPECT THAN THE RIGHT. IN  
ADDITION THE PROBABLE FEED STRUCTURE APPEARS TO SUPPORT AN  
ELEMENT OR ELEMENTS OF UNIDENTIFIED FUNCTION AT ITS EXTREMITY.  
ON A NUMBER OF PHOTO COVERAGES AN ADDITIONAL UNIDENTIFIED  
ELEMENT IS OBSERVED ON THE EXTREME LEFT SIDE OF THE ANTENNA  
JUST BELOW AND OUTBOARD OF THE SAIL. A MORE DETAILED DES-  
CRPTION OF THIS RADAR WILL BE PRESENTED IN A FORTHCOMING NPIC  
REPORT BUT IT SHOULD BE STATED AT THIS TIME THAT ITS  
APPEARANCE, AS NOW INTERPRETED, DOES NOT LEND ITSELF TO A  
SINGLE APERTURE CONCEPT.

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ONE FURTHER OBSERVATION IS THAT THE RADAR APPEARS TO BE  
THE SAME BASIC PIECE OF EQUIPMENT WHEREVER IT OCCURS.

GP-1

T O B S E C R E T [ ]

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